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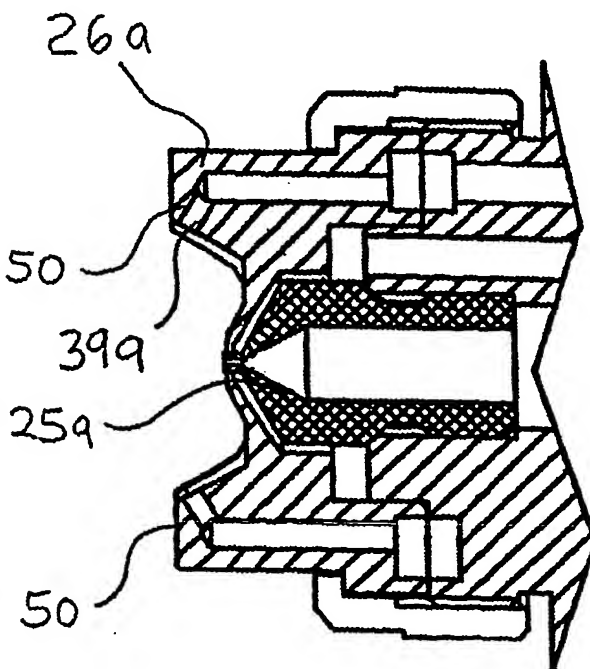
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(54) Title: EXTERNAL MIX AIR ASSISTED SPRAY NOZZLE ASSEMBLY



(57) Abstract: A spray device comprising a body having a liquid discharge passage and a spray nozzle assembly affixed to the body is provided. The spray nozzle assembly includes a liquid spray tip for directing liquid from the liquid passage in the body into a predetermined spray pattern and an atomizing fluid cap. The liquid spray tip includes a forwardly extending nose portion that defines a liquid discharge orifice. The nose extends through a central opening in the air cap thereby defining an annular atomizing fluid discharge orifice that communicates with an atomizing fluid inlet. The nose extends in a downstream direction past the central opening in the air cap such that the liquid discharge orifice is arranged at least approximately 2mm. downstream of the annular atomizing fluid discharge orifice.